IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of James C. DIGGANS *et al.* Confirmation No.: 1710

Application No. 10/580,423 Group Art Unit: 1631

Filed: May 24, 2006 Examiner: To Be Assigned

For: METHODS FOR MOLECULAR TOXICOLOGY MODELING

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SECOND REQUEST FOR CORRECTED FILING RECEIPT

The Applicant respectfully requests that a corrected filing receipt be issued for the above-identified application. The requested correction is as follows:

Please amend the Domestic Priority data as follows:

--This application is a 371 of PCT/US04/39593 11/24/2004, which claims the benefit of U.S. Provisional Application No. 60/554,981 03/22/2004 and U.S. Provisional Application No. 60/613,831 09/29/2004, and claims priority to PCT Application No. PCT/US03/37556 11/24/2003--

A copy of the Filing Receipt with the requested changes marked is attached. Also attached is a copy of the front page of the application as filed, showing the priority data in section (30), in accordance with 37 C.F.R. §1.78(a)(5).

The correction is required due to Patent Office error, and no fee is believed to be required. Nevertheless, the Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1283.

Attorney Docket No. OCIM-008/02US 309602-2067 Application No. 10/580,423 Page 2

Dated: 5-28-09

Respectfully submitted,

USPTO Customer No. 58249

COOLEY GODWARD KRONISH LLP

COOLEY GODWARD KRONISH LLP

ATTN: Patent Group

777 6th Street, NW Suite 1100

Washington, DC 20001 Phone: (202) 842-7800 Fax: (202) 842-7899 By:

5y:

Reg. No. 51,793



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS Post 150 Alexandria, Vignia 22313-1450 www.uspto.gov

FILING or GRP ART APPLICATION 371(c) DATE FIL FEE REC'D TOT CLAIMS IND CLAIMS ATTY.DOCKET.NO UNIT NUMBER 3010 GENE-120/02US 55 10/580,423 02/06/2008 1631

CONFIRMATION NO. 1710

58249 COOLEY GODWARD KRONISH LLP ATTN: Patent Group Suite 1100 777 - 6th Street, NW WASHINGTON, DC 20001

FILING RECEIPT

Date Mailed: 07/01/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE. NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

James C. Diggans, Gaithersburg, MD; Michael Elashoff, Gaithersburg, MD;

Power of Attorney: The patent practitioners associated with Customer Number 58249

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US04/39593 11/24/2004, which claims the benefit of US 2013 and Application no. 60/554,981 03/22/2004 and US Provisional Application no. 60/613,831 09/29/2004, and claims priority to PCT Application no. PCT/US03/37556 11/24/2003

If Required, Foreign Filing License Granted: 06/29/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/580,423**

Projected Publication Date: 10/09/2008

Non-Publication Request: No

Early Publication Request: No

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 9 June 2005 (09.06.2005)

(10) International Publication Number WO 2005/052181 A2

(51) International Patent Classification7:

C12Q

(21) International Application Number:

PCT/US2004/039593

(22) International Filing Date:

24 November 2004 (24.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/554.981

60/613.831

PCT/US2003/037556

24 November 2003 (24.11.2003) US 22 March 2004 (22.03.2004) US 29 September 2004 (29.09.2004)

(71) Applicant (for all designated States except US): GENE LOGIC, INC. [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

LOGIC, INC. [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DIGGANS, James, C. [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US).

(74) Agents: TUSCAN, Michael, S. et al.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

(75) Title: METHODS FOR MOLECULAR TOXICOLOGY MODELING

(76) Abstract: The present invention is based on methods of predicting toxicity of test agents and methods of generating toxicity prediction models using algorithms for analyzing quantitative gene expression information. The invention also includes computer systems comprising the toxicity prediction models, as well as methods of using the computer systems by remote users for determining prediction models using algorithms for analyzing quantitative gene expression information. The invention also includes computer systems comprising the toxicity prediction models, as well as methods of using the computer systems by remote users for determining the toxicity of test agents.